

Amendments to the Specification:

[0081] Figure 29 illustrates one embodiment of how the two separate Bluetooth modules 104, 106 with specialized roles may be integrated in a single device. In this example inquiries and Service Discovery functions are handled in Bluetooth module one 104, and RFCOMM based functions (specified in the Bluetooth Specifications) and other user data related traffic are handled in Bluetooth module two 106. In the Figure 3229 Bluetooth module one 104 and Bluetooth module two 106 each include three separate Bluetooth chips 130, but the number of chips may be any number, depending on the need. Each chip 130 comprises a driver part 132, a module part 134 that implements at least the lower layers of the Bluetooth protocol stack (whether the whole protocol stack, or only the lower layers are implemented depends on the role of the controlling entity or computer that the group of transceivers is linked to) and a RF transceiver part 136, as would be known to a person skilled in the art. According to the invention there are two operationally separate Bluetooth modules 104 and 106, Bluetooth module one 104 and Bluetooth module two 106. The modules 104 and 106 have separate baseband addresses allowing the modules 104 and 106 to operate independently. Module one 104 is discoverable and connectable to other Bluetooth enabled devices 10. Module two 106 is non-discoverable and non-connectable to other Bluetooth enabled devices 10, so the inquiries and other link and service information is not reachable with this module 106. Between the modules is a data bus 120, allowing data transfer between the modules 104 and 106.